

عنوان مقاله:

Investigation of wireless power transmission for charging gadgets

محل انتشار:

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خلاصه مقاله:

Today, with the advancement of technology, there is another way to transfer power, which is done wirelessly. This type of power transmission has become very impressive and widespread today and is used in electronic devices including mobile phones and has many advantages over wired power transmission. Mobile phone manufacturers are inspired by this technology. They have equipped their power transmission devices in this way. In this method, power is transferred electromagnetically from the charger to the gadgets, and these waves are able to charge the batteries of the gadgets after being transmitted. Every day, with the increase in the number of people who use gadgets, the use of wired chargers has also increased, but people are not very interested in carrying accessories, one of which is wired chargers, so wireless chargers are very popular. If wireless charger manufacturers can assure people that these chargers charge devices safely and quickly, we won't have any wired chargers in the future.

کلمات کلیدی:

Wireless Power Transmission (WPT), Inductive Power Transfer (IPT), Mobile Devices, inductively coupled

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